



TRE400



**IP55**



**Module 1 input + 1 output, 10A, IP55, KNX radio**

**Technical properties**

**Architecture**

Bus system	KNX
Number of blinds/shutters outputs	0

**Functions**

ETS additional functions	ETS additional functions: +6 scenes, operating mode on/off, 1 up/down button control, push-button, 2 x alarm, status display
Function	easy additional functions: +6 scenes ; Repeat function can be activated to increase the radio range ; reset function (to factory setting)
Light scenes	scene opening via KNX radio appliances ; scene saving lockable
Quicklink functions	quicklink functions: switching, dimming, 2 scenes, time switching, NO contact push-button, forced control, forced control, up/down push-button

**Configuration**

Pre-assembled	confectioned, with 2-core cable
Number of modules	0

**Controls and indicators**

Indicator lamp	yes
Operation	with manual operation on/off
Control	Activation, for example through switch, push-buttons, timer
Button / push-button	with configuration and function button

**Connectivity**

Radio protocol	KNX Radio
Receiver category	2
Inputs	with independent, mains supplied, binary input for potential-free contact

**Main electrical features**

Type of supply voltage	AC
------------------------	----

**Voltage**

Input voltage	5 V
Operating voltage	230 V AC

**Electric current**

Number of entry circuits	1
Input signal current	33 µA

Switching current max. 10 A

### Dimensions

Length	150 mm
Diameter	53 mm
Height	35 mm
Width	85 mm

### Frequency

Radio reception frequency	868.3 MHz
Radio transmission/reception frequency	863.3 MHz

### Power

Output power	2300 W
Maximum power per output for incandescent bulbs	1500 VA
Conventional transformers	600 VA
Electronic transformers	600 W
Radio transmission power	< 10 mW

### Measurement

Input scanning voltage	5 V
------------------------	-----

### Reach distance

Max. transmission range	30m in house / 100m free field
-------------------------	--------------------------------

### Materials

Colour independent of design lines	light grey
Surface appearance	matt

### Lighting control

Fluorescent lamps with electronical ballast (EB)	6 x 58 W
- uncompensated	600 VA

### Fluorescent bulbs control

Energy-saving lamps	100 W
Compact fluorescent lamps	6 x 18 W
Fluorescent lamps parallel compensated	36 W

### LED control

230V LED lamps	100 W
----------------	-------

LED with configuration and function LEDs ; with transmission status and control LED for On/Off

### Incandescent bulbs control

230 V incandescent lamps and halogen lamps	1500 W
--	--------

### Installation, mounting

Installation mode	for installation behind flush-mounted inserts
-------------------	---

### Connection

Subject to technical modifications

Type of connection	with screw-in lift terminals
Bus connection	integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system
<b>Cable</b>	
Binary cable length, extendable to	max. 5 m
Binary cable length	max. 5 m
Cable clamp	with mounting plates and strain reliefs
<b>Settings</b>	
Supported configuration modes	easy, system, PB, quicklink
Programming	toolless quicklink configuration using buttons and LED display
<b>Scope of delivery</b>	
Bus connection included	Yes
<b>Equipment</b>	
Number of outputs	1
Number of radio channels	1
Number of channels	1
Number of quicklink links	max. 20 transmitter/receiver
Transmitter duty cycle	1 %
<b>Use</b>	
Pulse time	min. 50 ms
<b>Safety</b>	
REACH conform	No
RoHS conform	Yes
Halogen free	No
<b>Use conditions</b>	
Operating temperature	-10...55 °C
Energy-saving	low intrinsic energy requirement
Relative humidity (without condensation)	0...65 % (without condensation)
<b>Identification</b>	
Application, usage	KNX radio - actuators
Product family	product family: output
Main design line	Electronics platform